

## **ABSTRACT**

An improved method and system for providing secondary roof support in a mine is disclosed. The system provides support and containment of rocks that may become loose from the mine roof and comprises a mine roof bolt anchored in a mine roof, a base plate, and a generally flat plate. The base plate and the flat plate each have a hole slightly larger than the standard mine roof bolt diameters to accommodate a mine roof bolt which passes through the base plate, then the flat plate, before continuing on into the mine roof, and which pulls the plates up against the mine roof. The generally flat plate extends laterally out from the bolt in all directions and provides support for the mine roof at locations laterally removed from the roof bolt. The secondary roof support member may also feature one or more stiffening ridges and may exert an upward force on the mine roof at locations laterally removed from the roof bolt.